S/137/62/000/005/103/150 A006/A101

AUTHORS:

Kutaytseva, Ye. I., Filippova, Z. G., Butusova, I. V.

。 1986年的1985年的1985年的1985年的1985年的1985年的1985年,1985年的1985年的1985年的1985年的1985年的1985年的1985年的1985年的1985年的1985年的1985年的19

TITLE:

The effect of some elements upon recrystallization processes of

alloys used for the cladding of sheets

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 71, abstract 51431 (V sb. "Deformiruyemyye alyumin. splavy", Moscow, Oborongiz, 1961,

53 - 58)

TEXT: The authors present results of investigating the effect of Mn, Cr, Mg, Ti and Zr upon the size of macrograins in sheets, which were quenched, stretched with different deformation degrees, and then subjected again to heating for quenching. Ingots were manufactured of A00 and AB00 (AVOO) grade aluminum with admixture of 0.05, 0.1 and 0.3% Mn, 0.05, 0.1 and 0.3% Zr; 0.05 and 0.1% and 0.05, 0.3 and 0.5% Mg; and also ingots of A2 grade aluminum with addition of 0.03% Mn. When casting ingots in water-cooled molds unlike those obtained by semi-continuous casting, the formation of a coarse-crystal structure can be fully prevented, independent of the previous deformation degree, by adding

Card 1/2

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The effect of some...

S/137/62/000/005/103/150 A006/A101

to the composition of grade "AOO" Al, used for the plate-table sheets, 0.3% Mn or 0.3% Zr and also by using Al with a higher Fe content. Mn in an amount of 0.3% does not fully exclude the formation of a coarse-grained structure on the sheet surface, clad with high-purity Al (AVOOO). The presence of small amounts of Mn (0.03%) in the composition of the plate alloy promotes the formation of a coarse-grained structure.

T. Rumyantseva

[Abstracter's note: Complete translation]

Card 2/2

35533 8/123/62/000/011/003/011 A052/A101

17.1210 (2468)

AUTHORS: Kutaytseva, Ye. I., Zhukov, S. L., Butusova, I. V., Filippova, Z. G.

TITLE: Fatigue strength of aluminum-base alloys

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 11, 1962, 24,

abstract 11A151 (V sb. "Deformiruyemyye alyumin. splavy". Moscow,

Oborongiz, 1961, 150 - 157)

TEXT: The effect of structure and of alloying elements (0.3 - 1.1% Si, 0.5 - 2% Mg) on the fatigue strength of Al-alloys of Al-Mg-Si system was studied. These alloys are applied as a material for longerons of helicopter blades. The results have shown that an increase of percentage of Mg-phase within its limits of solubility in the solid solution increases the tensile 6_b and decreases 6. The maximum fatigue limit have AK 8 (AK8), Al6 (D16) and Y 95 (U95) alloys, 6_{-1} depending directly on the conditions of ageing. B 95 (V95) alloy has good 6_{-1} characteristics, but at the same time an increased sensitivity to stress concentrations which reduces 6_{-1} in ready products.

[Abstracter's note: Complete translation]

Card 1/1

Investigating alloys in the system Al - Mg - Si used in helicopter construction. Issl. splaw. tsvet. met. no.4:257-265 '63. (MIRA 16:8)

(Aluminum-magnesium-silicon alloys—Testing)
(Helicopters—Design and construction)

S/2981/64/000/003/0027/0035

ACCESSION NR: AT4037644

AUTHOR: Kutaytseva, Ye. I.; Zhudov, S. L.; Butusova, I. V.

TITLE: Effect of technological factors on occurrence of macrocrystalline ring in alloys of the system Al-Mg-Si

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 27-35

TOPIC TAGS: aluminum alloy, alloy AV, alloy AD33, alloy AD35, alloy mechanical property, alloy corrosion resistance, alloy microstructure, alloy homogenizing, alloy pressing temperature, manganese admixture, magnesium containing alloy, silicon containing alloy

ABSTRACT: Rods (diameter 22 mm) were pressed at 430, 460, 500 or 530C from ingots of alloys AV and AD33, some of which were preliminarily homogenized (8 hrs. at 490 to 24 hrs at 570C). The alloys differed in the Mg: Si ratio and had differing contents of Cr, Cu and Mn. Test samples were water quenched from $520 \pm 5C$ and aged 16 hrs at 160C. Other tests involved hollow shapes, factory pressed at 420, 450, or 500C from AV or Mn-Other tests involved hollow shapes, factory pressed at 420, 450, or 500C from alloy AD35 ingots free AV ingots (diameter 345 mm, some homogenized), as well as from alloy AD35 ingots

Cord 1/2

ACCESSION NR: AT4037644

(at 470-500C, not homogenized; AD35 is AV plus 0.7% Mn). All profiles were heat treated as above. Results of tensile, fatigue and corrosion tests, as well as microstructure studies, indicate that hot pressing at 480-500C from non-homogenized ingots is optimal for AV and AD33, insuring uniformly fine structure and good mechanical properties. Addition of 0.7% Mn produces these results irrespective of pressing or homogenizing procedure. The stress-rupture strength of AD35 in a corrosive medium equals that of AV and its overall corrosion resistance is much better (no appreciable reduction in tensile strength and relative elongation after 2 months in 3% NaCl solution plus 0.1% H₂0₂, as compared to 15.1 and 8.15% reductions, respectively, for AV alloy). "The corrosion tests were carried out by S. M. Ambartsumyan." Orig. art. has: 3 tables, 2 graphs and 2 illustrations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 001

Card 2/2

ACCESSION NR: AT4037663

S/2981/64/000/003/0216/0226

· Control of the cont

AUTHOR: Kutaytseva, Ye. I.; Filippova, Z. G.

TITLE: Effect of heat treatment conditions on the mechanical properties and surface quality of pressed parts made of alloys V95 and D16

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 216-226

TOPIC TAGS: aluminum, aluminum alloy, malleable aluminum alloy, alloy V95, alloy D16, alloy mechanical property, alloy heat treatment, alloy surface quality, aluminum pressing

ABSTRACT: Rejects of pressed shapes due to the presence of dark spots on their surface are frequently encountered in practice, since investigations have shown a reduction in strength at such points. The formation of dark spots on the surface of pressed parts is connected with the conditions under which they are quenched. In case of dense packing of parts, steam pockets may form between them and reduce the cooling rate. Dark spots have frequently been observed on parts made of alloy V95. The present study on pressed specimens of V95 and D16 aluminum alloys was designed to determine the influence of the time consumed for the transfer of specimens from the saltpeter bath to the quenching

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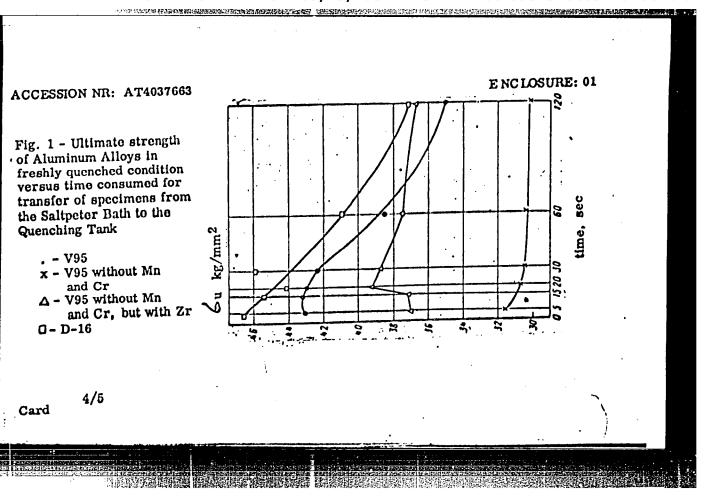
ACCESSION NR: AT4037663

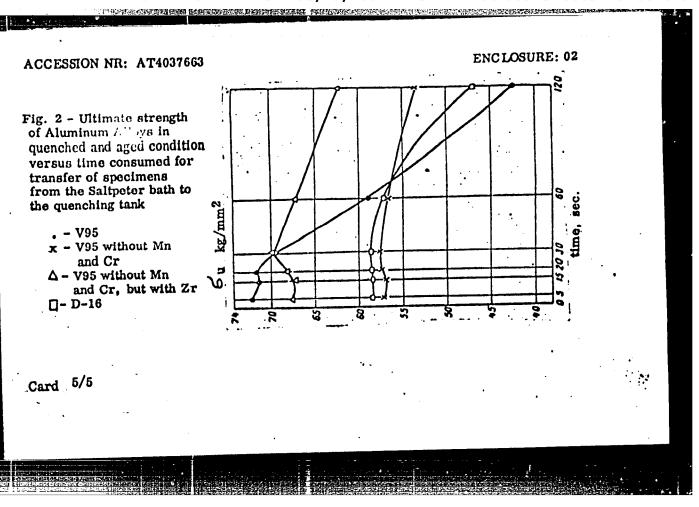
tank on the mechanical properties, the electric resistivity, and the surface quality. The influence of manganese and zirconium on the mechanical properties and rate of transformation of the solid solution was also studied. Both freshly quenched and quenched and aged specimens were tested. Some of the effects on strength are shown in Figures 1 and 2 of the Enclosure. The electrical resistivity generally decreased sharply when the transfer from the saltpeter bath to the quenching tank took more than 30 seconds, although the effect was much less in the absence of Mn and Cr. On the basis of the results obtained it is concluded that the appearance of dark spots on the surface of heat treated pressed products after anodizing is caused by transformation of the solid solution, and depends on the chemical composition of the alloy as well as on the conditions during heat treatment. Thus, all factors which stimulate the transformation of solid solutions will promote the formation of dark spots. Under normal conditions, the dark spots are found to disappear on requenching. The presence of manganese greatly affects the transformation rate of a solid solution, particularly in alloy V95 and to a lesser degree in alloy D16. Correspondingly, the influence of the time consumed for transfer of specimens from the saltpeter bath to the quenching tank is greater for alloy V95 than for D16. Quantities of zirconium on the order of 0.15 - 0.35% also produce a considerable increase in the strength of pressed products made of alloy V95. However, the transformation rate of the solid solution is lower with zirconium than with manganese, and therefore the alloy is less sensitive to the conditions of heat treatment. This property can be significant for

Card 2/5

ACCESSION NR: AT4037663
improving the quenching of largo-sized parts. Orig. art. has: 4 figures and 2 tables.

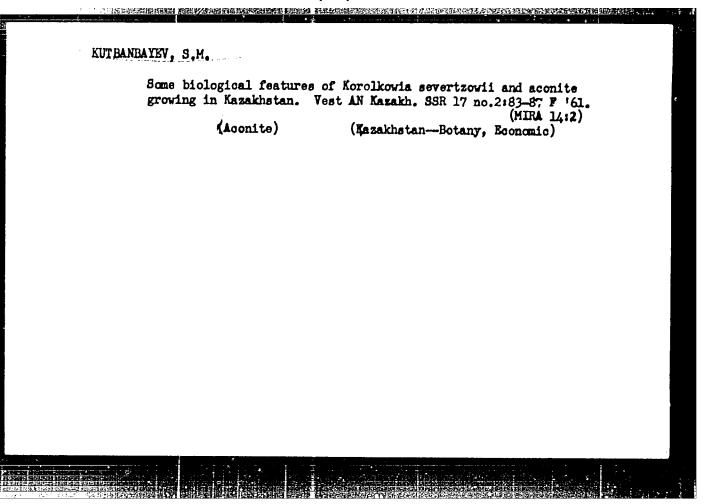
ASSOCIATION: None
SUBMITTED: 00 DATE ACQ: 04Jun64 ENCL: 02
SUB CODE: MM NO REF SOV: 000 OTHER: 000





ACC NR. AT6024945 (A,N)	INDETI INP(c) EN/JEANH SOURCE CODE: UR/2981/	/66/000/004/0303/0308
AUTHOR: Kutaytseva, Ye. I.; Kom Usacheva, R. P.	issarova, V. S.; Dutusova, I. V.;	Yegorova, N. V.;
ORG: none	4	5/
TITIE: High-strongth corrosion-	rosistant W1 alloy	$\boldsymbol{\rho}$
SCURCE: Alyuminiyevyye splavy, (Heat resistant and high-strengt)	no. 4, 1966. Zharoprochnyye 1 vy h alloys), 303-306	sokoprochnyye splavy
TCPIC TAGS: aluminum alloy proposition of the alloy was given to 2.0% kg, 0.6-1.0% Cu, 0.1-0.25% toristics of this alloy were detestrength of V91 is higher than the loss of fatigue strength resulting NaCl), V91 is inferior to AD3.	properties of alloys of the Al-M 45 Zn, 0.35% Mn, and 0.17% Cr, which from 0 to 4%. Rod specimens for 4 hr at 100°C + 8 hr at 157° the designation V91. It contains Cr, 0.2-0.5% Mn, bal. aluminum. ermined. In absolute values, the hat of AV and AD33 alloys, but from from the attack of the corrosi	AT an system were Ath admixtured of Were quenched from C. The optimum com- ad 3.7-4.5% Zn, 1.6- The strongth characy corrosion-fatigue on the standpoint of ye medium (6.0014
Card 1/2		

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SHAPIRO, J. E., KUTCHAK, S. N., VAYCHURO, I. A.

Fever

Hemorrhagic fever. Fel'd.i akush. No.9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KHASHMOV, D.M., dotsent (Stalinabad); TSETLIN, a.L., kendidat biologicheskith nauk (Stalinabad); KUTCH.K., S.R. (Stalinabad); SPAFOPULO, P.K. (Stalinabad).

affect of intestinal protozos on the course of bacillary dysentery.
Klin.med. 31 no.12:7h-75 D '53. (MLRA 7:1)

1. Iz kafedry infektsionnykh bolezney (ispolnyayushchiy obyazannost'zaveduyushchego - dotsnet S.Ya.Shapiro) Stalinabadskogo meditainskog institute in. avitsenny, Institute malyarii i meditainskoy parazitologii Ministerstva zdravookhraneniya Tadzhikskoy SSR i Stalinabadskoy infektsionnoy bol'nitsy.

(Dysentery) (Protozoa, Pathogenic)

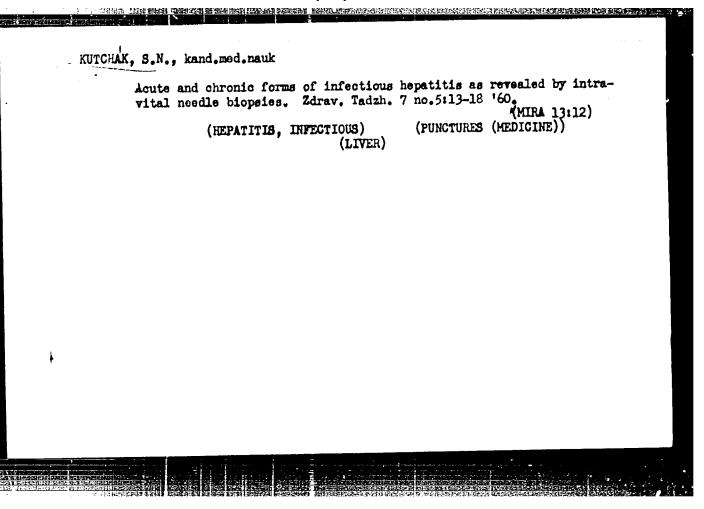
KUTCHAK, S. N. Gand Red Sci -- (disc) "On toxic my strophy in and cirrhosis of the liver in Southern and triking n." Stalinabal, 1957.

19 pp 22 em (Stalinabad Red Inct im Absalf- lbn- Sino (avi perma)

200 cerios. (KL, 23-57, 117)

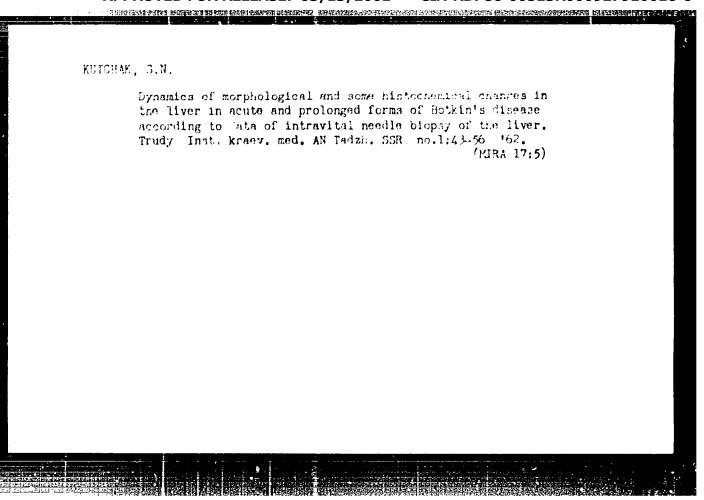
MANSUROV, Kh.Kh.; KUTCHAK, S.N.; STAVISKIY, Ya.D.; MAKAREVICH, Ya.A.;
AMINDZHANOV, S.A.

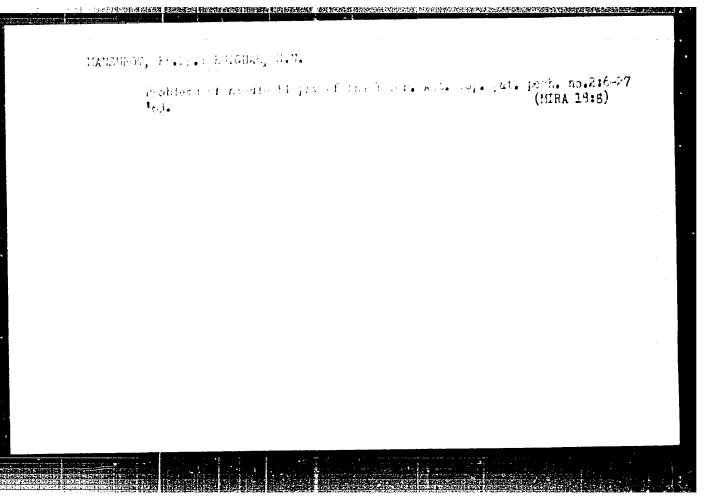
Diagnostic significance of intravital liver biopsy. Zdrav. Tadzh. 7 no.5:8-13 '60. (MIRA 13:12)

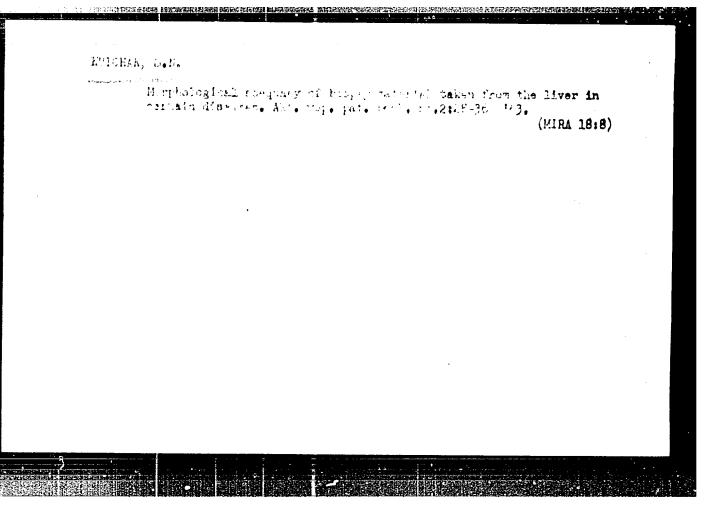


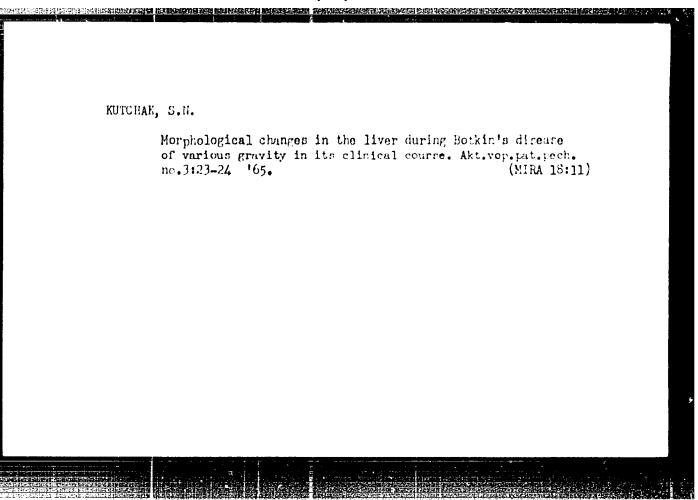
MANSUROV, Khamid Khusenovich, prof.; KUTCHAK, Svotlana Bikolayevna, st. nauchn. sotr. Prinimala uchostiye MONASTYRSKAYA, B.I., prof.; GESSEN, L.A., red.

[Liver biopsy; atlas of histological studies] Biopsiia pecheni; atlas gistologicheskikh issledovanii. Dushanbe, Akai. med. nauk SSSR, 1964. 137 p. __ [Atlas of color microphotographs] Atlas tsvetnykh mikrofotografii. 54 p. (MICA 18:2)









KUTCHAK, Ye.N.; UL'YANOVA, A.A.

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Changes in electric conductivity of human skin in ontogenesis.
Fiziol.zhur.40 no.1:82-85 Ja-F '54. (MLRA 7:2)

1. Klinika nervnykh bolezney Stalinabadskogo meditsinskogo instituta. (Electrophysiology)

Futchak, Ye. H.

"Natorial on the problem of changes in hi her nervous activity in patients suffering from epileptic attacks," Stallahad State Medical Inst. ineni Abuali-Thn-Sine (Avitseuns). Stallahad, 194(. (Dissertation for the legree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1955. Moscow

KUTCHAK, Ye.N.; SAVINA, R.I.

A rare observation of multiple arachnoid epitheliomes. Vop. noirokhir. 21 no.6:56-57 N-D '57. (MIRA 11:2)

1. Kafadra nervnykh bolezney i kafedra patologicheskoy anatomii Stalinabadskogo meditsinskogo instituta (ARACHHOID, neoplasma epithelioma, case report)

KUTCHAK, Ye.N.

State of the nervous system in heliotropic hepatitis.
2 lnur. nevr. 1 psikh. 62 no.3:380-383 162. (MIRA 15:3)

1. Klinika nervnykh bolezney (zav. - prof. S.G. Akhundov)
1 kafedra fakulitetskoy terapii (zav. - prof. I.B. Likhtsiyer)
Dushanbinskogo meditsinskogo instituta imeni Avitsenny.

(LIVER-DISEASES) (NERVOUS SYSTEM)

(HELIOTROPE (PLANT)-TOXICOLOGY)

KUTCHAK, Ye. N. (Dushanbe)

Number of disorders of the nervous system during the first days in newly arrived persons at an altitude of 4200 meters".

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Report presented at the Scientific Conference devoted to the problems of physiology and pathology in High Altitudes, Ministry of Health Tadzhik SSR and Medical Institute im. Abdul' Ibn-Sino, held in Dushanbe, October 1962. (Zdravookhraneniye Tadzhikstana, Dushanbe, No. 3, 1963, p. 37-39).

8/3111/63/062/000/0103/0107

ACCESSION NR: AT4045950

AUTHOR: Kutchak, Ye. N.

TITLE: The effect of high altitude on the human nervous system

SOURCE: Dushanbe. Gosudarstvenny*y meditsinskiy institut. Trudy*, v. 62, 1963. Voprosy* fiziologii i patologii vy*sokogor'ya; trudy* nauchnoy konferentsii, 1962. (Problems of the physiology and pathology of Alpine regions; transactions of the 1962 scientific conference), 103-107

TOPIC TAGS: high altitude, hypoxia, altitude sickness, central nervous system, respiration, pulse rate, neurological sign

ABSTRACT: Observations on neurological status, motor and sensory chronaxy and the condition of the central and autonomic nervous systems were performed on 28 people living in a camp in the Pamirs at 4200 meters above sea level. The results showed that during the first few days at that altitude practically all the subjects complained about headaches, sleep disturbances, shortness of breath and general malaise. Investigation of the cortical dynamics showed disturbances in 6 subjects which indicated some weakening of the inhibitory processes. In 20 of the 28 subjects, during the first few days after arrival at 4200 meters, there was tremor

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ACCESSION NR: AT4045950

of the eyelids and fingers and locomotor disturbances of varying intensity. In part of the people the plantar reflex could not be produced, while in 16 there was a Chvostek's sign. Chronaximetric determinations showed a more or less distinct shortening of the rheobase. In most of the subjects examined, there was an increase in pulse rate, and in 10 out of 16 individuals investigated, at various intervals after they fell asleep, pneumography revealed periodic respiration. Pneumography performed on 5 natives of the mountain area also showed periodic respiration during sleep. This disturbance in the rhythm of respiration under conditions of hypoxia during sleep indicates the importance of central nervous structures in the regulation of respiration and shows that acclimatization is not very important in the appearance of respiratory disturbances under these conditions. The second examination of these individuals, after 1-2 months in the mountains, showed all of them to be well adapted, the only symptom being dyspnea after physical exertion. There were no changes in cortical dynamics or the neurological status when compared with data obtained prior to their ascent. After 3 months' residence in the mountains, however, 12 subjects again showed the same signs as during the first few days. The reasons for this are unclear.

2/3

Card

ACCESSION NR: AT4045950

ASSOCIATION: Tadzhikskiy meditsinskiy institut im. Abuali ibni Sino, Dushanba (Tadjik Medical Institute)

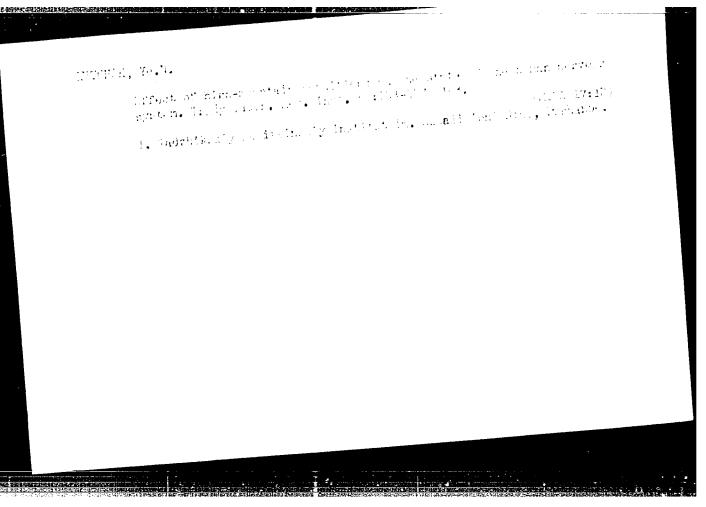
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ENCL: 00

SUB CODE: LS

NO REF SOV: 018

OTHER: 000



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KUTCHAK, Ye.M., kand. med. mank

Disorders in the respiratory movements of particular value brain included to Yop. neirokhir. 28 no.2:23-28 Mr-Ap (c.).

(MIRA 19:2)

1. Kafedra nervnykh bolezney Tadzhikskogo menitrinne os included.

Dushanbe.

KUTDUSOVA Kh.

Capability of Protous to retard the effect of penicillin used for the treatment of associated suppurative infections. Zhur. mikrobiol. epid. i immun. no.10:98 0 154. (MIRA 8:1)

1. Iz kafedry mikrobiologii Bashkirskogo meditsinskogo instituta (PENICILLIN) (PROTEUS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910016-6"

No 150 or H, Kh H .
USSR/Medicine - Antibiotics

7D-2317

Card 1/1

Pub 148 - 18/36

Author

: Kutdusova, Kh. A., Aspirant

Title

: The sensitivity of Proteus bacteria to synthomyein

Periodical

: Zhur. mikro. epid. 1 immun. No 2, 52-54, Feb 1955

Abstract

: Established that synthomycin has a bacteriostatic effect on proteus strains in vitro, prevents mice infected with proteus becteria from dying of sepicemia, and expedites on peroral administration the disappearance of the local reaction produced in rabbits which have been infected intracutaneously with proteus bacilli.

Institution : Chair of Microbiology, Bashkir Medical Institute

Submitted

: November 2, 1953

Riffect of satislatics on the properties of Proteus. Report No.1:

Modification of synthomycin-resistant strains of Proteus in vitro;
author's abstract. Zhur.mikrobiol.epid. i immun.28 no.8:40-41

Ag '57.

1. Iz kafedry mikrobiologii Bahakirakogo meditainakogo instituta.

(PROTEUS, affect of drugs on,
chloramphenicol, resist. (Rus))

(CHIGRAMPHENICOL, affects,
on Proteus, resist. (Rus))

17(2,12)

SOV/16-59-6-7/46

AUTHOR:

Kutdusova, Kh.A.

TITLE:

Changes in the Properties of Proteus Under the Influence of Antibiotics. II. The Effects of Synthomycin on the Properties of Proteus and the Course of Experimental Wound Infection Caused by Synthomycin-Bensitive and Synthomycin-Resistant Forms of Proteus

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 35-40 (USSR)

ABSTRACT:

P.N. Kashkin, V.N. Kosmodamianskiy, Kh.A. Kutdusova, A.F. Moroz, T.P. Ovcharova, L.G. Peretts, Kh.Kh. Planel'yes, Z.G. Pershina, O.I. Shevyakova, and L.M. Yakobson have all noted that the formation of resistant forms of bacteria under the influence of antibiotics is often accompanied by a change in some of their properties which in turn, as F.T. Grinbaum and V.N. Shiryayeva have pointed out, affects the course of the infectious process. The present work is devoted to a study of the effects of synthomycin on the properties of Proteus and the course of experimental wound infection provoked by synthomycin-sensitive and synthomycin-resistant forms of Proteus. Rabbits were injected introabdominally with one or the other of these forms and then subjected to synthomycin therapy. The

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SOV/16-59-6-7/46

Changes in the Properties of Proteus Under the Influence of Antibiotics. II. The Effects of Synthomycin on the Froperties of Proteus and the Course of Experimental Wound Infection Caused by Synthomycin-Sensitive and Synthomycin-Resistant Forms of Proteus

control group was similarly injected but did not receive synthomycin. Synthomycin had no marked effect on the resistant forms but cut the healing period of the local purulent process in the animals injected with synthomycin-sensitive strains by 1 1/2 - 2 times, compared with the control group. Synthomycin sensitivity was partially restored in the synthomycin-resistant Proteus strains isolated from both the test and control groups. In addition, some of the strains isolated from the test group had lost their ability to lyse sugar and form hydrogen sulfide. The mean agglutinin titre in the animals, infected with synthomycin-sensitive strains was 20 times lower than in the untreated animals, but 3.7 times higher than in the treated animals, infected with synthomycin-resistant Proteus. The mean antibody titre in the treated animals infected with resistant Proteus was 1.2 times lower than in the control, untreated animals.

Card 2/3

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30V/16-59-6-7/46

Charges in the Properties of Proteus Under the Influence of Antibiotics. II. The Effects of Synthomycin on the Properties of Proteus and the Course of Experimental Wound Infection Caused by Synthomycin-Sensitive and Synthomycin-resistant Forms of Proteus

There are: 3 tables and 17 references, 15 of which are Soviet and 2 English.

ASSOCIATION: Bashkirskiy meditsinskiy institut (Bashkir Medical Institute)

SUBMITTED: February 1, 1958

Card 3/3

KUTDUSOVA, Kh.A.

Change in the properties of Proteus under the influence of antibiotics. Report No.3: Comparative study of the properties of various forms of Proteus following synthomycin therapy for associated purulent infection. Zhur. mikrobiol. epid. i immun. 31 no.2;101-102 D '60. (MIRA 14:6)

(PROTEUS) (CHLOROMYCETIN)

KUTDUSOVA, Kh.A.

Antibiotic treatment of experimental Staphylococcus and Proteus infections. Antibiotiki 7 no.1:58-60 Ja '62. (MI:A 15:2)

1. Kafedra mikrobiologii (zav. - prof. N.I.Mol'nikov) Bashkirskogo meditsinskogo instituta imeni 15-letiya Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi.

(ANTIBIOTICS) (PROTLUS) (STAPHYLOCOCCAL DISLASE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910016-6"

KUTEJ, B., prom. pravnik

THE THE PARTY OF THE PROPERTY
On the possibility of using the distaphone technic in in-patient hospital departments. Cesk. zirav. If no.9:448-446 S 164.

1. Vyzkumny ustav organizace zdravetnictvi, Praha - zakladna Kromeriz.

KUTEJ, B., prom. pravnik; HEJNA, D., zdrav. sestra

Problems in rationalization of the work of nurses in hospitals in conjunction with handling linen. Cesk. zdrav. 11 no.7/8: 367-371 163.

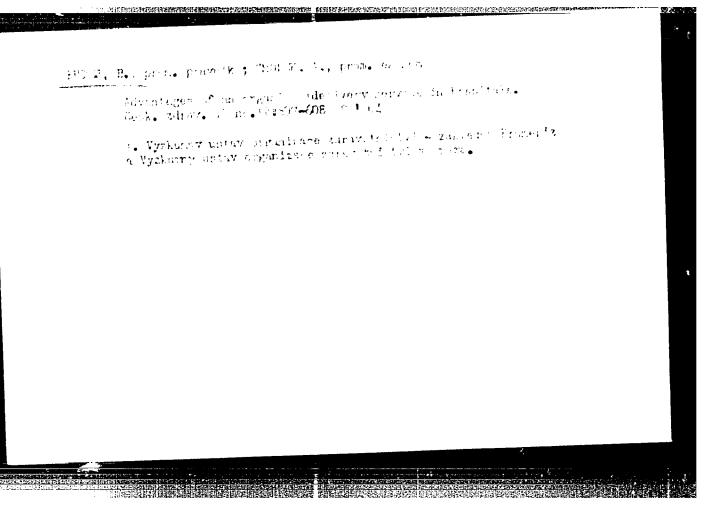
1. Vyzkumny ustav organizace zdravotnictvi, terenni vyzkumna skupina v Kromerizi. (HOSPITAL NURSING SERVICE) (HOSPITAL HOUSEKEEPING)

KUTEJ, B., prem. pravnik

Time spent by hospital physicians on writing medical reports for attending physicians. Cesk. zdrav. 12 no.7/8:397-402 Ag '64.

1. Vyzkumny ustav organizace zdravoinictvi v Praze -- zakladna Kromeriz.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910016-6"



HTEJ, B.

How to improve the management activities of senior paramedical personnel in administrative positions. Cesk. rdrav. 13 no.11: 583-588 E 165.

1. Vyzkumny ustav organizace zdravotnictvi.

KUTEK, F.

CZECHOSEOVALIA

PETRU, P.; KUTEK, P.; SATAVA, J.

Institute of Inorganic Chemistry, College of Chemical Engineering (Institut für anorganische Chemie, Technische Hochschule für Chemie), Prague (for all)

Pregue, Collection of Csechoslovak Chemical Communications, No 11, November 1966, pp 4459-62

*On the chemistry of rare elements. fart 22: Basic lanthamm carbonate.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927910016-6

L 23191-65 EWT(m)/EPF(o)/EPR/EWP(t)/EMP(b)
ACCESSION NR: AP5000502

-Pr-4/Ps-4 IJP(c) JD/JW/JO _8/0078/64/009/012/2784/2786

AUTHOR: Kutok F.

TITLE: Scandium oxyfluoride , ?

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 12, 1964, 2784-2786

TOPIC TAGS: scandium oxyfluoride, scandium fluoride, scandium oxide, scandium oxyfluoride synthesis, scandium oxyfluoride crystal

ABSTRACT: Direct synthesis of this compound was attempted by heating a pressed mixture of scandium oxide and scandium fluoride under air exclusion. After 5 hours at 1100C, full transformation into the oxyfluoride was obtained. Another method, by hydrolysis, consists in heating scandium fluoride under humidnitrogen to a constant temperature of 800 C. Both methods gave ScOF in yields close to the theoretical values. The compound crystallized in a cubic syngony; its lattice corresponds to the type CaF₂ a = 5.575 Å, with 4 molecules per cell element. The distance between Sc-F and Sc-O was found at 2.413 Å. The infrared absorpt-

Card 1/2

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2

ion spectrum is presented. "The author wishes to thank Professor Petri for the great attention he gave to this work." Orig. art. has: 3 figures and 1 table

ASSOCIATION: Khimiko-tekhnologicheskiy institut Kafedra neorganicheskoy khimii Prague (Chekhoslovakiya) (Institute of Chemical Technology Department of

Inorganic Chemistry

SUBMITTED: 11Apr64

ENCL: 00

SUB CODE: GC, IC

NR REF SOV: 002

OTHER: 009

Card 2/2

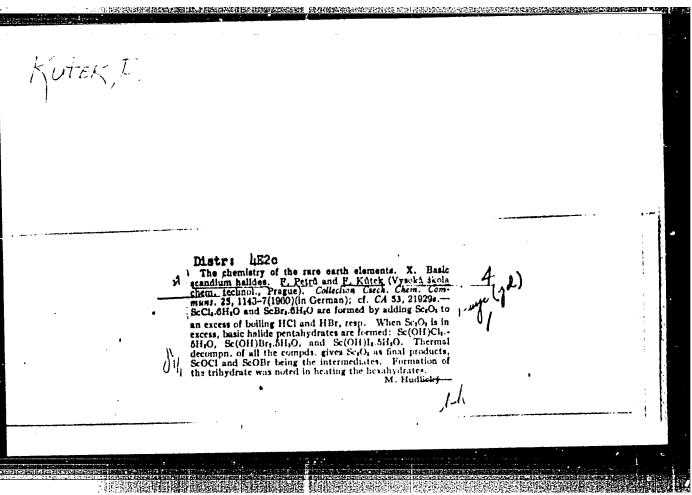
CZECHOSLOVAKIA

KUTEK, F; JURSIK, F

Institute of Inorganic Chemistry, Technical College of Chemistry (Institut fur anorganische Chemie, Technische Hochschule fur Chemie), Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 5, May 1966, pp 2273-2278

"Compounds of Copper (II) Glycinate and Ammonia."



LEPERTON DE LE RECORDE
HOSTALER, Zd. :; KUTEK, Frantisek

Conductometric determination of a small quantity of the bicarbonate mixed with excess sodium carbonate and vice versa. Chem prum 12 no.3%128-130 Mr 162.

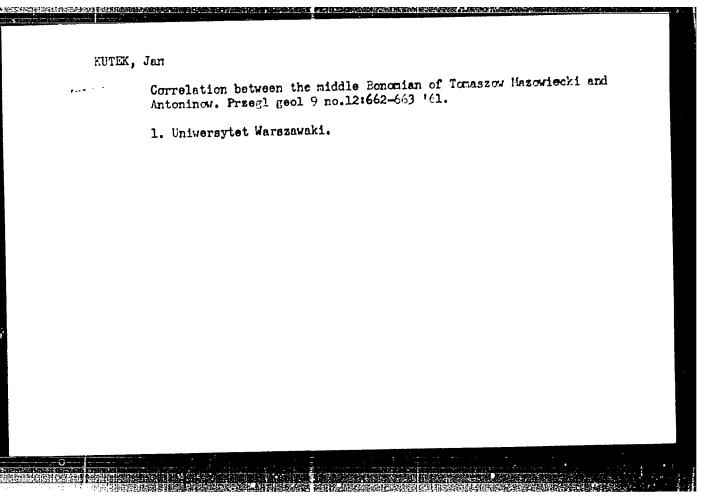
1. Vysoka skola chemickotechnologicka, Praha.

HOSTALEK, Zdenek; KUTEK, Frantisek

Conductometric determination of small quantity of alakali carbonate in mixtures with alkali hydroxide. Chem prum 12 no.9:490-493 S 162.

。 [1] 中国运行和建筑和建筑和建筑和建筑和建筑和建筑和建筑和建筑和建筑和设置,更加的建筑和设置的设计,但是是是是一个一个一个一个一个一个一个一个一个一个一个一个

> 1. Katedra anorganicko chemie, Vysoka skola chemickotechnologicka, Praha.



KUTEK, Jan

Kimeridgian and Bononian deposits in Stobnica. Acta geol pol 11 no.1: 103-183 '61.

1. Zaklad Geologii Dynamicznej Uniwersytetu Warszawskiego.

Submarine landslides and cherts in the Lower Kimeridgian linestones of the Malogoszcz region. Acta gool Pol 12 no.3:377-391 162.

1. Laboratory of Dynamic Geolgoy, University, Warsaw.

KUTEK, Jan

Upper Kimeridgian and Lower Volga of the northwest Mesozoic border of the Gery Swietokrzyskie. Acta geol Pol 12 no.4:445-527 162.

1. Zaklad Geologii Dynamicznej, Uniwersytet, Warszawa.

KUTEK, Jan

Stratigraphic problems of the Kimeridgian and uppermost Oxfordian in Poland. Acta geol Pol 12 no.4:529-540 '62.

1. Zaklad Geologii Dynamicznej, Uniwersytet, Warszawa.

KUTEK, Jan; WITKOWSKI, Andrzej

Kimeridgian and Bononian in the boreholes in Zarzecin. Kwartalnik geol 7 no.1:159-168 '63.

1. Zaklad Geologii Dynamicznej, Uniwersytet, Warszawa, i Zaklad Zloz Rud Zelaza, Instytut Geologiczny, Warszawa.

2/003/61/000/006/002/002 D005/D102

AUTHORS:

Chmura, František, and Edtek, Josef

TITLE.

The M 110 H engine

1 ERIODICAL

Králla vlasti, no. 26, 1961, 14-16

TEXT: The vyckumny a skusebni letecky ustav (Aviation Research and Testing Institute) in Lethany developed a small, light-weight helicopter engine with low fuel consumption which is simple to produce and assemble and easy to maintain. The engine, designated M 110 H. has been built by the Automobileve savedy Jiriho Dimitrova "Avia" (Jiri Dimitrov Automobile Works "Avia") in Lethany and is being tested according to the Fritish BCAR testing specifications for helicopter engines. The engine is expected to be put into quantity production before the end of 1961. The tentative evernall period has been set at 300 hours, however, preliminary tests indicate it can be extended to 650 hours. Further development provides for the engine to be fitted with hydraulic-enerated push-rain to limit the vive incarance. With certain modifications, the engine our close be mounted in appoint vehicles and ships. The M 110 H is a four-streke horizontality- proved four-cylinder, forced-air-cooled engine with a crankshaft-mounted centrifical clutch. It

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CANTONIA INTERNATIONAL DE CONTROL
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Tue M 110 H engine

in fitted with a low-pressure YH fuel injector, a 650 W starter, rgm transmitter drive of 1:1 year ratio, one free accessory drive of 1.1 ratio and two acceptory drives of 2:1 ratio. The crankenaft is carried in lead-bronze bearings. Two valves per cylinder are inclined to and 20°, respectively, to the cylinder axis and driven by a comphast with paracolic came located in the Twee part of the crankcase. A 7-his expansion oil tack is fitted to the it levalde of the crankcase. The crankcase is silve doing the vertical conter-line and houses also the accessory trive casin o. Fressure lubricative is of the dry-comp system. Gen:-type oil pump (pressure and servenge stages) is located in the lower part of the on the. First in inducted by a for pressure injection pump to the injection normer placed in eplinder being in front of the purtion valves and is inserted into the middle of the sucked air stream. The injection jump commists of a single piston, a distribution-sleeve valve and a delivery vane pamp with a regulation valve. Puel is delivered by the vane pump through the recurstion valve into treisserating chamber of 0.25 kg/em irescare. The fiel injection is regulated the prespute gauges and serve mechanisms. The e cost fire presours is about Is kg/one. Traition is shielded, don't by pagested with but matic ignition idvance. Each tylinder has two spars plays with two Will sole . I this is

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The M 110 H engine

Z/003/61/000/026/002/002 D005/D102

The engine can be mounted either horizontally or inclined up to 45°. Main technical data: Take-off (five-minute) power, 115 hp/3,100 rpm; maximum continuous power, 100 hp/3,000 rpm, cruising power, 80 hp/3,000 rpm; fuel consumption at take-off power, 260 g/hp/hour; fuel consumption at maximum continuous rower, 240 g/hp/hour; fuel consumption at cruising power, 225 compression ratio, 7:1; weight, 134 kg; length, 800 mm; width, 774 mm; height, 820 mm; fuel type, LBZ 72-80 octane. An alternate version of the specifications: Take-off power, 105 hp/2,800 rpm; maximum continuous power, 95 hp/2,650 rpm; cruising power, 75 hp/2,400 rpm; fuel consumption at take-g/hp/hour; fuel consumption at maximum continuous power, 260 g/hp/hour; fuel consumption at cruising power, 200 g/hp/hour; weight, about

Card 3/3

KUTERC, Ye.F.

Some results of precipitation-reasuring studies at the experimental base Astrakhanka. Trudy GGO no.1752177-179 165.

(MIRA 18:8)

1. Vladivostokskaya gidrumsicorelogicheskaya observatoriya.

KUTELIYA, A.A.

Basic principles of D.N. Uznadze's theory of readiness. Vop.psikhol. (MLRA 9:8)

1. Akademiya nauk Gruzinskoy SSR, Tbilisi. (Psychology)

T

USSE/Human and Animal Physiology (Normal and Pathological)

Nervous System. Metabolism.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27004

THE CONTROL OF THE PROPERTY OF

Author : Kuteliya, Kh. A.

Inst : - The Dynamics of Changes of Some Biochemical Indexes
Title : The Dynamics of Changes of Some Biochemical Indexes

(Protein, Sugar and Chlorides) in Spinal Fluid of Children with Tuberculous Meningitis and Treated with Strep-

tomycin, PAS and Phtivazide.

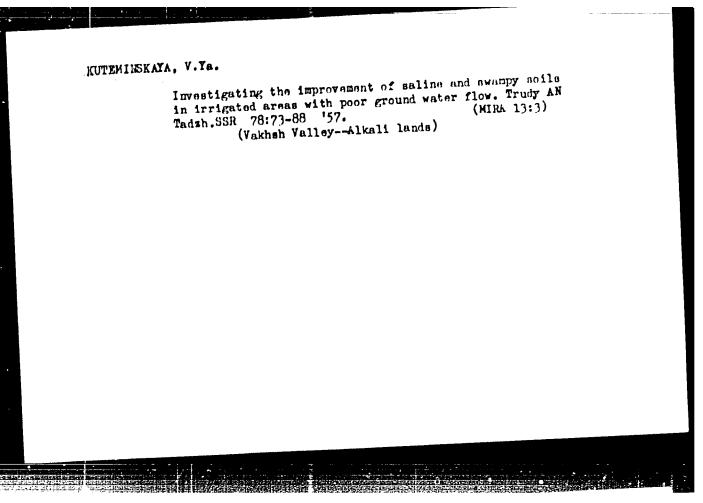
Orig Pub : Tr. Resp. ob'yedin. detsk. klinich. bol'nitsi, GruzSSR,

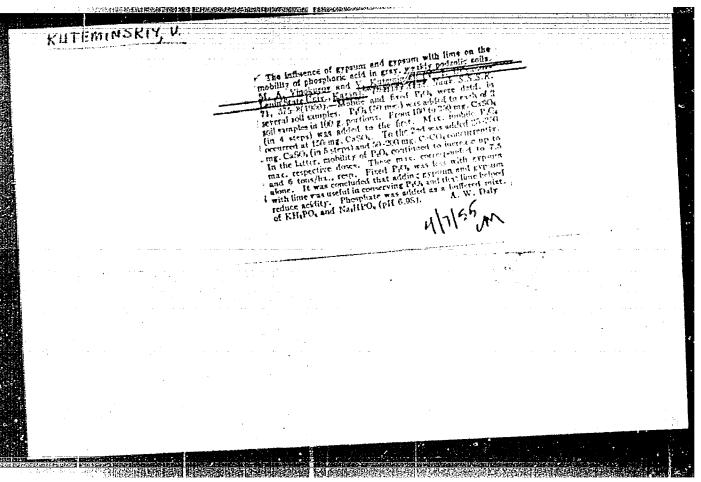
1957, 1, 149-164

Abstract : No abstract.

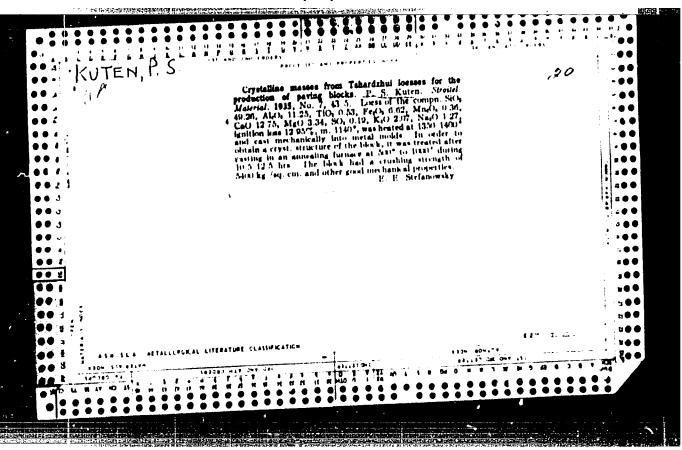
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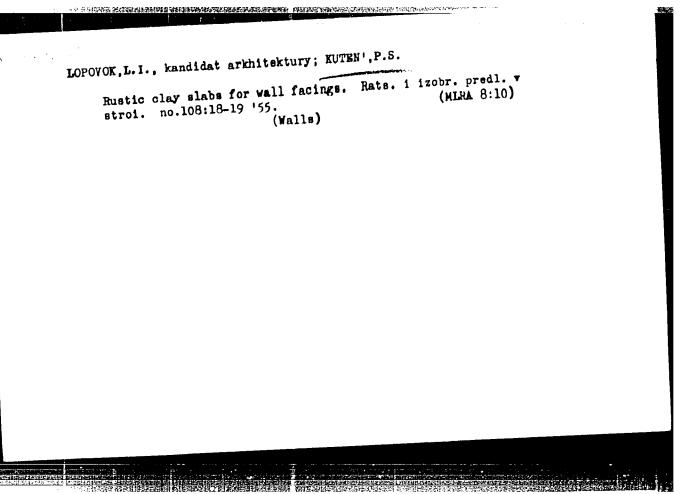
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	CONTRACTOR AND
Ā	08091-67 EWT(1)/EWT(m) FDN/WE SOURCE CODE: UR/0413/66/000/015/0196/0196
	INVENTOR: Zhukovskiy, A. I.; Orlovskiy, V. I.; Molkov, N. N.; Aleshin, V. A.; 56 Kuteminskiy, Yu. A.; Valeyev, F. Sh.
	ORG: none TITIE: A device for introducing additives while fueling aircraft. Class 62, No. 184150
	SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 196
	TOPIC TAGS: aircraft fuel system, fuel additives, aircraft fuel system equipment
	ABSTRACT: An Author Certificate has been issued for a device for introducing additives while fueling an aircraft. It contains a tank for the additives with a measuring glass, receiving neck, and a drain tap connected with a pipe through a pump, a flow tap, and a sprayer with a fuel-supply line. For the automatic regulation of the fuel additive, its pump is connected to a vane pump, which is inside the fuel-supply line and is spun by the flow of fuel.
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MUDBEIN, I.V.; KUTENETS, V.A.; BUTYVONUFAYA, V.M.

Volcante pipes of the couthers (Neurr Europe (southern Lies Shan), Dokl. AN SSSR 158 no.3:633-635 S *64. (HIRA 17:10)

1. Yuzhno-tadzhikukaya geologorazvodochnaya ekspeditsiya. Fredstavleno akademikum V.S.Sobolevym.

KUTENEV, V.F.; PUTSEV, I.I.

Stand testing of the 680/450 Leyland engine. Avt.prom. 28 no.2:
(MIRA 15:2)

1. YaMZ

(Motortrucks--Engines--Testing)

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USSR/Cultivated Plants. Grains.

Abs Jour : Ref Zhur-Biol., No 15, 1953, 68127

: Kutonitsyn, V. K. Author

Inst

: Sorting Corn Seed According to Specific Title

Orig Pub : S. kh. Kubani. Inform. byul., 1957, No 1, 78-82

Abstract : No abstract.

Cord : 1/1

Procedures in servicing train telephones should be revised.
Avtom. telem. 1 sviaz' b no. 3:43 Mr '64. (MIRA 17:5)

1. Nachal'nik Gomel'skoy distantsii signalizatsii i svyazi
Belorusskoy dorogi.

PARUNAKYAN, V.E., inzh. (Chelyabinsk); YASTUCHENYA, V.V., inzh. (Chelyabinsk); KUTENKO, I.S., inzh. (Chelyabinsk)

Universal track maintenance machine. Put' i put.khoz. 6
no.11:32-33 '62. (MIRA 16:1)

(Railroads—Equipment and supplies)

KON'KOV, A. V., KUTENKO, M. T. (Severomorak)

Familial alkaptonuria. Klin. med. 40 no.7:117-119 J1 '62.

(MIRA 15:7)

(ACETIC ACID)

(URINE—ANALYSIS AND PATHOLOGY)

PERMITIN, V.Ye.; ZHURAVLEV, P.Ya.; KUTENKO, Yu.V.; PCKROVSKIY, V.A.

Using exothermic mixes in continuous steel teeming. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.8:9-11 Ag '65. (MIRA 18:12)

ZHURAVLEV, P.Ya.; EFROS, D.I.; KUTENKO, Yu.V.; POKROVSKIY, V.A.; GPANAT, I.Ya.; MOROZENSKIY, L.I.; GORSKIY, V.B.

Influence of vacuum treatment and the conditions of steel deoxidation on the formation of surface defects in continuous ingots. Stal' 25 no.10:891-894 0 '65.

(MIRA 18:11)

1. Gor'kovskiy mashinostroitel'nyy zavod.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927910016-6"

KUTENKOV, I.Ye., brigadir shtukaturov,

My method of plastering. Gor.khoz.Mosk. 24 no. 5:28-31 My '50.

(Flastering)

(MLRA 7:11)

PETROV, G.I.; KUTENKOV, M.V.; TENKNBAUM, I.M.; YEVSKYEVA, L.S.;
KONSTANTIHOV, M.M., nauchnyy red. [deceased]; SHASHKIN, V.L.,
nauchnyy red.; SURAZHSKIY, D.Ya., nauchnyy red.; ZAVODCHIKOVA,
A.I., red.; MAZEL', Ye.I., tekhn.red.

[Methods of geological and geophysical exploration and control in uranium mines] Metody geologo-geofizicheskogo obslushivaniia uranovykh rudnikov. Moskva, Izd-vo Gos.kom-ta Soveta Ministrov SSSR po ispol'soveniiu atomnoi energii, 1960. 217 p.

(MIRA 13:10)

(Mining geology)

(Uranium ores)

GLUBOKOVA, P.D.; MIROSHNIKOVA, Ye.Z.; KUTENOV, V.T.

Gondition of the upper respiratory tracts and ear in agricultural workers of Lenin and Vyazemskiy Districts, Khabarovsk Territory. Vest. oto-rin. 17 no.5:66-69 S-0 '55. (MIRA 9:2)

1. Is kafedry belezney ukha, gorla, i nosa (zav. prof. B.A. Shvarts) Khabarovskog meditsinskogo instituta. (OTORHINOLARIMOLLOV, otorhinolaryngol. organs in agricultural workers) (AGRICULTURE, otorhinolaryngol. organs in agricultural workers)

otorhinolaryngol. organs in agricultural workers)

KUTSHROV, I YE

Movyy metod shtukaturnyrh rabot. (New methods in plastering work). . . Moskva (IZD-VO "Fravda", 1950.

21 p. Diagrs.

At head of title: Vsesotuzndye Oeshcheatvo po rasprostraneniyu Politicheskinh I Nauchnykh Znariy.

Lecture explaining new method of continuous plastering operations with separate simple processes.

SHIPPING, 2.; ASADDLIN, do.; EMECIATEN, M.; EVIEDO, J., EMISON, E.;
TOKOLOV, N.; VALIAKENETOV, F.

Exclusion of a circulation-less none using a pactor. Burente no.3:29-33 465.

T. Treet "Bashengadnette-rowve tha".

KUTEPOV, A.G. (Kuybyshev (oblastnoy), ul. Ventsika, d.9, kv.2)

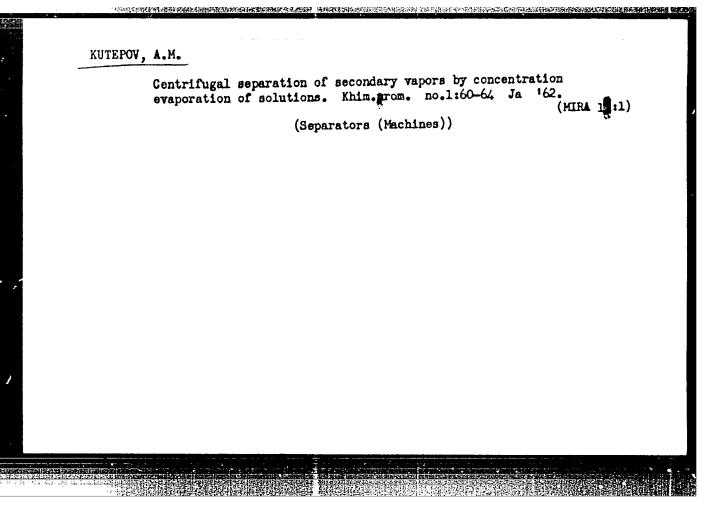
Cystoadenoma of the lung. Nov.khir.arkh. no.1:109 Ja-F

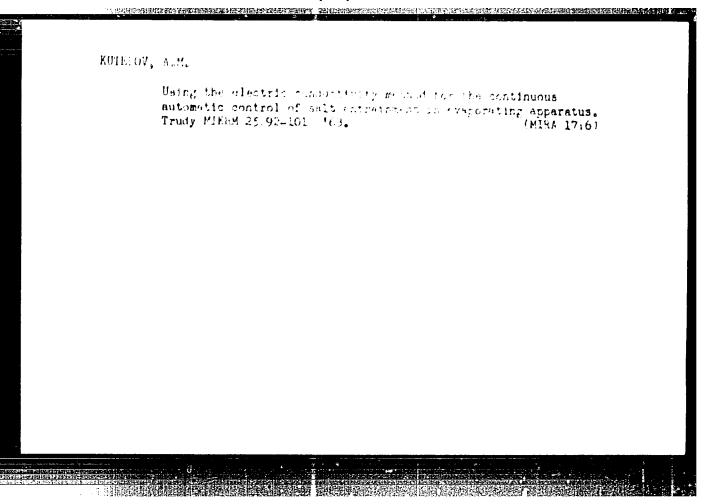
159.

(MIRA 12:6)

1. Kuybyshevskiy oblastnoy gospital dlya invalidov Otechestvennoy voyny (nauchnyy rukovoditel - prof.S.L.Libov).

(LINGS-TUMORS)

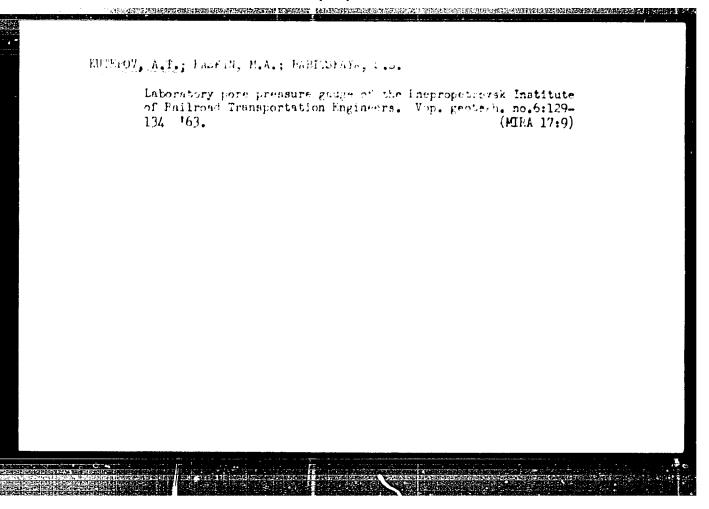


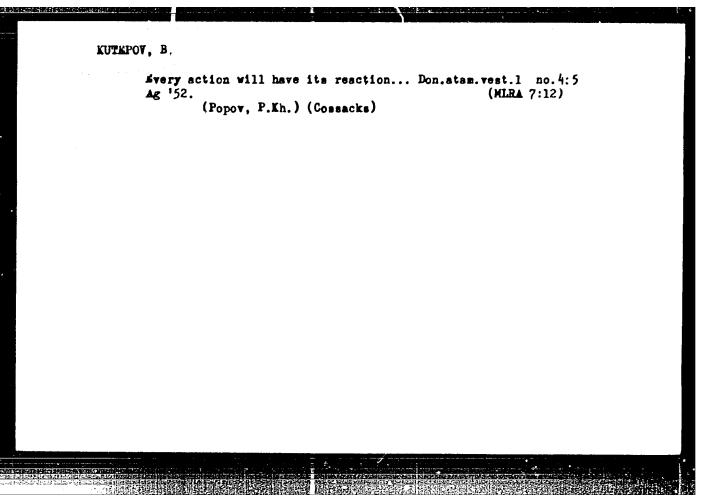


ESTEPOV, A.M.

Beaign of cyclone-type deparators. Knim. prom. no. 4.275-298
Ap '64. (MRd 19:7)

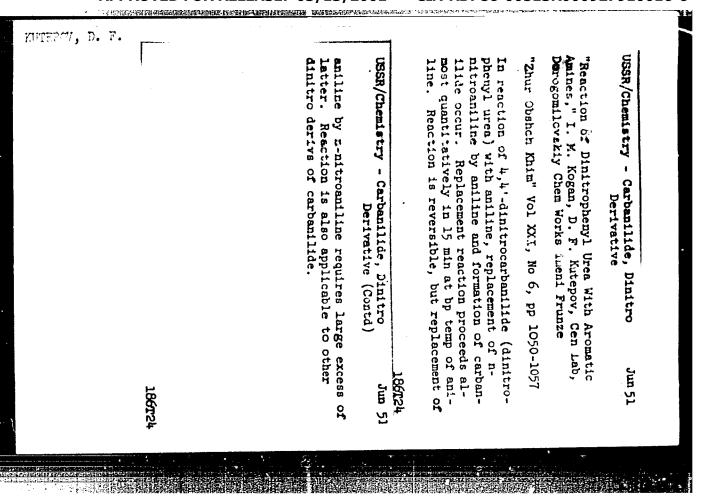
1. Morkovskiy fratitut khimicheskogo mashinostoquaniya.



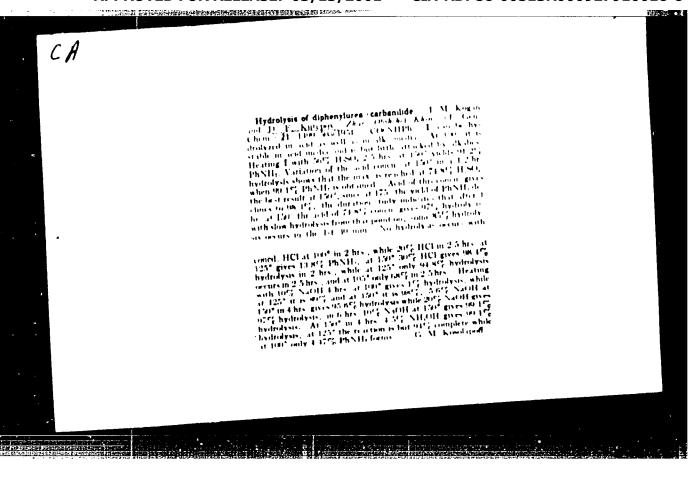


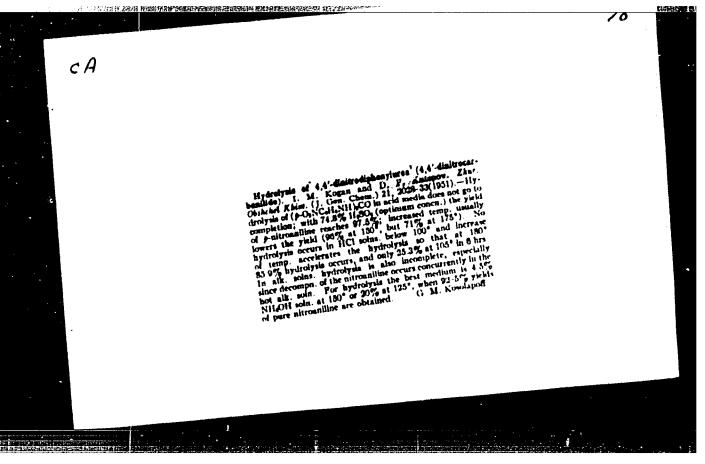
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	Dinitro derivatives products. I. M. Kos 78,379, Dec. 31, 191 stitution products are c CO(NHPhh or its su forming groups. The temp., up to 100°.	of diphenylurea and its substitution and O. F. Kuteney. U.S.S.R. D. P. (O.N.C.H.S.H.). CO or its substitution by the action of dil. H.N.O. or its substitution products having no substitution products having no substitution is carried out at elevated M. Hosch		
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KUTEPOV. D.	Υ.							191	120
RUIDIO	8ट्यार्टर	90° C using 30% ENO3. Curtius' view that m,m'-dinitrocarbanilide is formed in nitration of carbanilide must be considered wrong.	USSR/Chemistry - Nitro Derivatives Jul 51 (Contd)	321161	Demonstrated that carbanilide is nitrated with same orientation (6 and p) as other acylated aniline derivs. Nitration both in monohydrate and in sq suspension vields varying amts of 4,4'-dinitrocarbanilids. This compd can be practically prepd by nitration in aq suspension at	"Zhur Obshch Khim" Vol XXI, No 7, pp 1297-1302	"Mitration of Diphenylures (Carbanilide)," I. M. Kogan, D. F. Kutepov, Cen Lab, Dorogomilov Chem Plant imeni M. V. Frunze	USSR/Chemistry - Mitro Derivatives Jul 51	
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KUTETOV. D. F.

USSR/Chemistry

Card 1/1

Authors

: Kutepov, D. F.; and Vukolova, Z. G.

Title

: Synthesis of p-nitro-o-anisidine from diarylurea and its dinitro derivative.

Periodical /

: Zhur. Ob. Khim, 24, Ed. 4, 698 - 702, April 1954

Abstract

: Introduced is a new method for the synthesis of 2-methoxy-4-nitroaniline from diaryluren and its dinitro-derivative. This new method is considered to be much better than the one presently used by industry. Treatment of o-anisidine with phosgene leads to easy formation of 2, 2'-dimethoxydiphenylurea. The method of obtaining dinitro-derivatives of diphenylurea by the action of diluted nitric acid at increased temperature also found application in the nitration of 2, 2'-dimethoxydiphenylurea. Five references; 4 USSR since 1955; 1 German 1876. Tables.

Institution

:

Submitted

: October 30, 1953

